

**State of California
California Energy Commission**

Minutes of the May 7, 2008, Energy Commission Business Meeting.

The meeting was called to order by Chairman Jackalyne Pfannenstiel. The Pledge of Allegiance was lead by Chairman Pfannenstiel.

Present:

Jackalyne Pfannenstiel, Chairman

James D. Boyd, Vice Chair

Arthur H. Rosenfeld, Commissioner

Jeffrey D. Byron, Commissioner

Karen Douglas, Commissioner

1. BEACON SOLAR ENERGY PROJECT (08-AFC-2). Contact: Bill Pfanner. (15 minutes)
 - a. Possible approval of the Executive Director's data adequacy recommendation for Beacon Solar, LLC's Application for Certification of the Beacon Solar Energy Project, a nominal 250 megawatt concentrated solar electric generating facility proposed on an approximately 2,012-acre site in eastern Kern County.

Commissioner Byron moved and Commissioner Douglas seconded approval of the Executive Director's recommendation that the project be found data adequate. The vote was unanimous. (5-0)

- b. Possible appointment of a siting committee for the Beacon Solar Energy Project.

Chairman Pfannenstiel appointed Commissioner Douglas as presiding member and Commissioner Byron as second member of the committee for the project. Commissioner Boyd moved and Commissioner Rosenfeld seconded approval of the appointment. The vote was unanimous. (5-0)

2. GRATON COMMUNITY DISTRICT. Possible approval of a \$392,630 loan to Graton Community District to build two new variable speed pump stations for wastewater discharge and irrigation. These energy-efficient pump systems are estimated to save about \$39,263 annually and have a simple payback of 10 years. (ECAA and/or bond funding.) Contact: Monica Rudman. (10 minutes)

Commissioner Rosenfeld moved and Commissioner Boyd seconded approval of the loan to Graton Community District. The vote was unanimous. (5-0)

3. WHITE BOX TECHNOLOGIES, INC. Possible approval of Contract 500-07-033 for \$300,000 with White Box Technologies, Inc., to review available weather data and develop a new set of standard California Climate Thermal Zone weather files for use in the mandated Energy Commission Title 24 compliance and New Solar Homes Partnership incentive calculations. The current weather files, last revised in 1992, are out of date. Updates and improvements will include more recent weather data and more detailed solar radiation data. (PIER electricity funding.) Contact: Norm Bourassa. (5

minutes)

Item 3 was removed from the agenda.

4. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Contract 500-07-046 for \$870,000 with U. S. Department of Energy, Lawrence Berkeley National Laboratory, to conduct research on energy use and air flows of ventilation systems in school buildings and potential new specifications for Title 24 ventilation requirements. (PIER electricity funding.) Contact: Bradley Meister. (10 minutes)

Item 4 was removed from the agenda.

5. REGENTS OF THE UNIVERSITY OF CALIFORNIA, DAVIS. Possible approval of Contract 500-07-045 with the University of California, Davis, for \$120,000. Under this contract, UC Davis will install specialized monitoring stations in the Sierra Nevada to determine the chemical composition of particulate matter in ambient air, which will be used to estimate what, how much, and how often air pollution originating in Asia may affect hydroelectric generation available to California through changes in snow conditions in the Sierra Nevada and other climate changes. (PIER electricity funding) Contact: Guido Franco. (5 minutes)

Commissioner Byron moved and Commissioner Rosenfeld seconded approval of Contract 500-07-045. The vote was unanimous. (5-0)

6. NEW POWER TECHNOLOGIES. Possible approval of a Work Authorization for \$1,925,293, as envisioned in the original contract 500-04-008 for \$5.4 million with New Power Technologies, to demonstrate, monitor and verify the New Power Technologies Energynet Simulation method on a utility system in California. The first phase of this planned dual-phase project developed a simulation model of a complex distribution system in Southern California Edison's service area. The originally-anticipated final phase field trial will complete the five-year project begun in 2004. The method includes characterization and analysis of transmission and distribution systems as a single, integrated power delivery network. Contact: Rachel MacDonald. (10 minutes)

Commissioner Boyd moved and Commissioner Rosenfeld seconded approval of the Work Authorization with New Power Technologies. The vote was unanimous. (5-0)

7. ANDES CONSULTING, LLC. Possible approval of Purchase Order 07-409.00-023 for \$178,500 with Andes Consulting, LLC, to provide quality management services for the Dynamic Transportation Energy Simulation Model (DynaSim) Project, the framework of transportation fuel forecasting models. (ERPA funding.) Contact: Bob McBride. (5 minutes)

Commissioner Rosenfeld moved and Commissioner Boyd seconded approval of Purchase Order 07-409.00-023. The vote was unanimous. (5-0)

8. **Minutes**

Approval of the April 23, 2008, Business Meeting Minutes.

Commissioner Rosenfeld moved and Commissioner Byron seconded approval of the April 23 minutes. The vote was 4-0-1. Commissioner Boyd abstained.

9. **Commission Committee Presentations/Discussion** - None
10. **Chief Counsel's Report** – Chief Counsel Bill Chamberlain gave the report.
11. **Executive Director's Report** – Chief Deputy Director Claudia Chandler gave the report.
12. **Legislative Director's Report** – Acting Legislative Director Marni Weber gave the report.
13. **Public Adviser's Report** – None
14. **Public Comment** – None
15. **ORANGE GROVE PROJECT (07-SPPE-2)**. Possible adoption of the Committee Order Terminating Proceeding on the Orange Grove Small Power Plant Exemption. Contact: Felicia Miller. (5 minutes)

Commissioner Boyd moved and Commissioner Rosenfeld seconded consideration of Item 15. The vote was unanimous. (5-0)

Commissioner Boyd moved and Commissioner Rosenfeld seconded approval of the Committee Order terminating the project. The vote was unanimous. (5-0)

There being no further business, the meeting was adjourned to a closed session to discuss personnel matters pursuant to Government Code Section 11126(a).

Appearances:

Ms. Jane Luckhardt, Downey Brand, LLP

Mr. Gary Palo, FLP Energy

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission